Ground Penetrating Radar (GPR) is kind of radar that is used to detect and locate buried metal and non-metal objects. This application working to detect object based on electromagnetic impulse response which are radiated by transmitting antenna and hit object on the ground. After hit the object some impulse are reflected to the receiving antenna. In the receiver this reflects signal after the strengthening process with Low Noise Amplifier (LNA) then will be do the data processing. In the GPR application, data processing is to clean receive signal.

This Data process are purpose to get data which are helped for the next process that are identification position and type the object. Method are used in this data process are converting GPR data what B-scan and A-scan,

In this last report, A-scan data is processed until gets image from object its can intepresation and make easy for object identivy.

Keyword: data processing, kinds of object, depth